

Form PTO-892 U.S. Department of Commerce	Serial Number 09/032,972	Group Art Unit 1623	Attachment to Paper Number	30
Notice of References Cited		APPLICANT(S) Krotz et al.		

U. S. Patent Documents

*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	Filing Date If Appropriate
*	A	5 7 0 5 6 2 1	01/06/98	Ravikumar	536	023.100	
*	B	5 6 1 4 6 2 1	03/25/97	Ravikumar et al. (I)	536	025.340	
*	C	5 5 5 4 7 4 6	09/10/96	Ravikumar et al. (II)	540	200.000	
*	D	5 5 1 0 4 7 6	04/23/96	Ravikumar et al. (III)	536	025.310	
*	E	5 2 1 6 1 4 1	06/01/93	Benner	536	027.130	
*	F	5 7 1 4 5 9 7	02/03/98	Ravikumar et al. (IV)	536	025.310	
*	G	4 9 7 3 6 7 9	11/27/90	Caruthers et al. (I)	536	025.340	
*	H	5 5 4 8 0 7 6	08/20/96	Froehler et al.	536	025.340	
*	I	4 4 5 8 0 6 6	07/03/84	Caruthers et al. (II)	536	025.340	
*	J	4 5 0 0 7 0 7	02/19/85	Caruthers et al. (III)	536	026.700	
*	K	5 1 3 2 4 1 8	07/21/92	Caruthers et al. (IV)	536	025.340	
*	AA	R e 3 4 0 6 9	09/15/92	Köster et al.	536	025.330	
*	AB	5 0 2 6 8 3 8	06/25/91	Nokiri et al.	536	026.700	

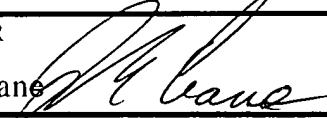
Foreign Patent Documents

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB- CLASS		

Other References (Including Author, Title, Date, Pertinent Pages, etc.)

*	R	Ravikumar et al. (V), "Efficient Synthesis of Deoxyribonucleotide Phosphorothioates by the Use of DMT Cation Scavenger," <i>Tetrahedron Letters</i> , 36(37), 6587-6590 (September 11, 1995).
---	----------	---

† Month of publication data is unavailable. Issue Number information is provided whenever possible following the volume number in parentheses.

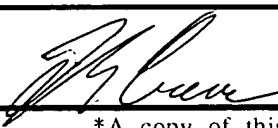
EXAMINER L. E. Crane 	01/16/03	page 1 of 4 ¥: Reference not presently available.
*A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)		

Form PTO-892 U.S. Department of Commerce	Serial Number 09/032,972	Group Art Unit 1623	Attachment to Paper Number	30
Notice of References Cited	APPLICANT(S) Krotz et al.			

Other References (Including Author, Title, Date, Pertinent Pages, etc.)

* S	Krotz et al.(I) , "Synthesis and Deprotection of β -Silylethyl Protected O, O, O- and O, O, S-Trialkylphosphorothioates," <i>Tetrahedron Letters</i> , 37(12), 1999-2002 (March 18, 1996).
* T	Krotz et al. (II) , "Phosphorothioate Oligonucleotides: Largely Reduced (N-1)-Mer and Phosphodiester Content Through the Use of Dimeric Phosphoramidite Synthons," <i>Bioorganic & Medicinal Chemistry Letters</i> , 7(1), 73-78 (January 7, 1997).
* U	Krotz et al. (III) , "Phosphorothioates: β -Fragmentation Versus β -Silicon Effect," <i>Angewandte Chemie Intl. Ed.</i> , 34(21), 2406-2409 (November 17, 1995).
* V [†]	Gait , "An Introduction to Modern Methods of DNA Synthesis," Ch. 1 in <u>Oligonucleotide Synthesis - A Practical Approach</u> , Gait (ed.), IRL Press, Washington, DC, 1984, only pages 1-22 and index/title supplied.
* W [†]	Sproat et al. (I) , "2'-O-Methyloligoribonucleotides: Synthesis and Applications," Ch. 3 in <u>Oligonucleotides and Analogues - A Practical Approach</u> , Eckstein (ed.), IRL Press, New York, NY, 1991, only title and text pages 49-86 supplied, see especially p. 52.
* X [†]	Connolly , "Oligonucleotides Containing Modified Bases," Ch. 7 in <u>Oligonucleotides and Analogues - A Practical Approach</u> , Eckstein (ed.), IRL Press, New York, NY, 1991, only title and text pages 155-183 supplied, see especially p. 157.

† Month of publication data is unavailable. Issue Number information is provided whenever possible following the volume number in parentheses.


EXAMINER L. E. Crane 	01/16/03	page 2 of 4 ¥: Reference not presently available.
*A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)		

Form PTO-892 U.S. Department of Commerce	Serial Number 09/032,972	Group Art Unit 1623	Attachment to Paper Number 30
Notice of References Cited	APPLICANT(S)		
	Krotz et al.		

Other References (Including Author, Title, Date, Pertinent Pages, etc.)

*	Y†	Conway et al., "Site-Specific Attachment of Labels to the DNA Backbone," Ch. 9 in <u>Oligonucleotides and Analogues - A Practical Approach</u> , Eckstein (ed.), IRL Press, New York, NY, 1991, only title and text pages 211-239 supplied, see especially p. 218.
*	Z	Atkinson et al., "Solid-Phase Synthesis of Oligonucleotides by the Phosphite Triester Method," Ch. 3 in <u>Oligonucleotide Synthesis - A Practical Approach</u> , Gait (ed.), IRL Press, Washington, DC, July, 1985, only title and text pages 35-81 supplied, see especially p. 80.
*	RA	Sproat et al. (II), "Solid-Phase Synthesis of Oligodeoxynucleotides by the Phosphotriester Method," Ch. 4 in <u>Oligonucleotide Synthesis - A Practical Approach</u> , Gait (ed.), IRL Press, Washington, DC, July, 1985, only title and text pages 83-115 supplied, see especially p. 111.
*	SA†	Septak, "Kinetic Studies on Depurination and Detritylation of CPG-Bound Intermediates During Oligonucleotide Synthesis," <i>Nucleic Acids Research</i> , 24(15), 3053-3058 (1996).††
*	TA	Horn et al. (I), "Solid Support Hydrolysis of Apurinic Sites in Synthetic Oligonucleotides for Rapid and Efficient Purification on Reverse-Phase Cartridges," <i>Nucleic Acids Research</i> , 16(24), 11559-11571 (December 23, 1988).
*	UA	Horn et al. (II), "Chemical Synthesis and Characterization of Branched Oligodeoxyribonucleotides (bDNA) for Use as Signal Amplifiers in Nucleic Acid Quantification Assays," <i>Nucleic Acids Research</i> , 25(23), 4842-4849 (December 1, 1997).

† Month of publication data is unavailable. Issue Number information is provided whenever possible following the volume number in parentheses.

EXAMINER L. E. Crane 	01/16/03	page 3 of 4 ¥: Reference not presently available.
*A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)		

Form PTO-892 U.S. Department of Commerce	Serial Number 09/032,972	Group Art Unit 1623	Attachment to Paper Number 30
Notice of References Cited	APPLICANT(S)		
	Krotz et al.		


Other References (Including Author, Title, Date, Pertinent Pages, etc.)

*	VA	Horn et al. (III), "The Synthesis of Branched Oligonucleotides as Signal Amplification Multimers for Use in Nucleic Acid Assays," <i>Nucleosides and Nucleotides</i> , 8(5&6), 875-877 (July/September, 1989).
	WA	Horn et al. (IV), "Forks and Combs and DNA: The Synthesis of Branched Oligodeoxyribonucleotides," <i>Nucleic Acids Research</i> , 17(17), 6959-6967 (September 12, 1989).†††

† Month of publication data is unavailable. Issue Number information is provided whenever possible following the volume number in parentheses.

†† Copy supplied by applicant, but not cited by applicant.

††† Original copy supplied by applicant (Ref. CB) included one misprinted page.

EXAMINER L. E. Crane 	01/16/03	page 4 of 4 ¥: Reference not presently available.
*A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)		